sem reporting options — Options affecting reporting of results

Syntax

sem paths ..., ... reporting_options

sem, reporting_options

reporting_options Description

level(#) set confidence level; default is level(95)
standardized display standardized coefficients and values
coeflegend display coefficient legend
nocnsreport do not display constraints
nodescribe do not display variable classification table
noheader do not display header above parameter table
nofootnote do not display footnotes below parameter table
notable do not display parameter table
noflabel display group values rather than value labels
fvwrap(#) allow # lines when wrapping long value labels
fvwrapon(style) apply style for wrapping long value labels; style may be word or width
showg invariant report all estimated parameters

Description

These options control how sem displays estimation results.

Options

level(#); see [R] estimation options.

standardized displays standardized values, that is, “beta” values for coefficients, correlations for covariances, and 1s for variances. Standardized values are obtained using model-fitted variances (Bollen 1989, 124–125). We recommend caution in the interpretation of standardized values, especially with multiple groups.

coeflegend displays the legend that reveals how to specify estimated coefficients in _b[] notation, which you are sometimes required to use when specifying postestimation commands.

nocnsreport suppresses the display of the constraints. Fixed-to-zero constraints that are automatically set by sem are not shown in the report to keep the output manageable.

nodescribe suppresses display of the variable classification table.
noheader suppresses the header above the parameter table, the display that reports the final log-
likelihood value, number of observations, etc.

nofootnote suppresses the footnotes displayed below the parameter table.

notable suppresses the parameter table.
	nofvlabel displays group values rather than value labels.

fvwrap(#) specifies how many lines to allow when long value labels must be wrapped. Labels
requiring more than # lines are truncated. This option overrides the fvwrap setting; see \[R\] set showbaselevels.

fvwrapon(style) specifies whether value labels that wrap will break at word boundaries or break
based on available space.

fvwrapon(word), the default, specifies that value labels break at word boundaries.

fvwrapon(width) specifies that value labels break based on available space.

This option overrides the fvwrapon setting; see \[R\] set showbaselevels.

showginvariant specifies that each estimated parameter be reported in the parameter table. The
default is to report each invariant parameter only once.

Remarks and examples

Any of the above options may be specified when you fit the model or when you redisplay results,
which you do by specifying nothing but options after the sem command:

```
    . sem (...) (...), ...
    (original output displayed)
    . sem
    (output redisplayed)
    . sem, standardized
    (standardized output displayed)
    . sem, coeflegend
    (coefficient-name table displayed)
    . sem
    (output redisplayed)
```

Reference


Also see

[SEM] sem — Structural equation model estimation command

[SEM] example 8 — Testing that coefficients are equal, and constraining them

[SEM] example 16 — Correlation